

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30023

Employer : Eastern Washington University

Worksite : Eastern Washington University

Street : 526 5th St Showalter Hall

Jurisdiction : City of Cheney

Survey Type : Online

Survey Date : 5/7/2017

Response Rate : 57%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 68.3%

Reported Total Employees at Worksite: 1,666

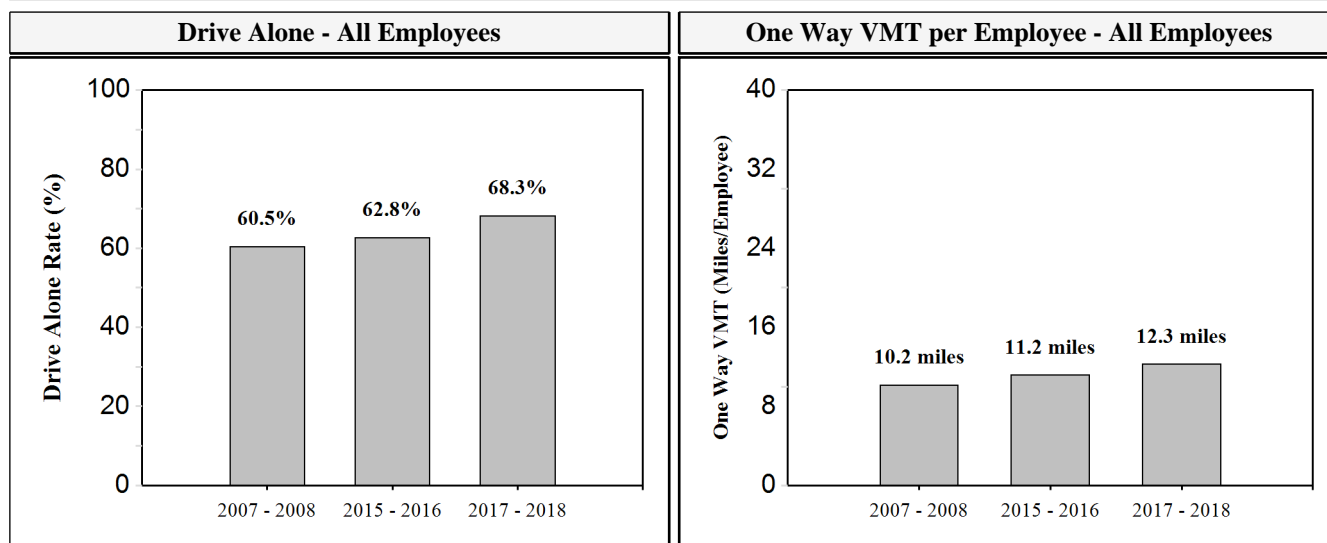
Surveys Distributed : 1,261

One-Way VMT per employee : 12.3

Surveys Returned : 722

Surveys Returned by CTR Affected Employees : 601

Total Estimated CTR - Affected Employees at Worksite : 1,050



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	60.5%	59.0%	10.2	10.5
2009 - 2010	59.9%	59.9%	10.2	10.7
2011 - 2012	61.2%	61.5%	10.8	10.9
2013 - 2014	72.2%	73.2%	12.2	12.1
2015 - 2016	62.8%	62.9%	11.2	11.3
2017 - 2018	68.3%	70.7%	12.3	12.7
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	12.9%	19.8%	20.6%	21.0%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2017 - 2018	2017 - 2018 Without Fill In
Drive Alone - All Employees*	60.5%	62.8%	68.3%	61.1%
Drive Alone - CTR Affected Employees*	59.0%	62.9%	70.7%	62.8%
VMT/Employee - All Employees	10.2	11.2	12.3	11.2
VMT/Employees - CTR Affected Employees	10.5	11.3	12.7	11.5

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	1,816	1,652	1,763
Estimated Emissions for Total Employment	3,050	3,590	4,069

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	2,076,597	2,151,223	2,604,452
Bus Annual Passenger Miles - Surveyed Employees	1,236,000	989,700	1,128,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	11,303	41,073
Ferry Annual Passenger Miles - Surveyed Employees	0	5,200	17,800
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	29,906	0	15,460
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	17,800	0	6,700

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

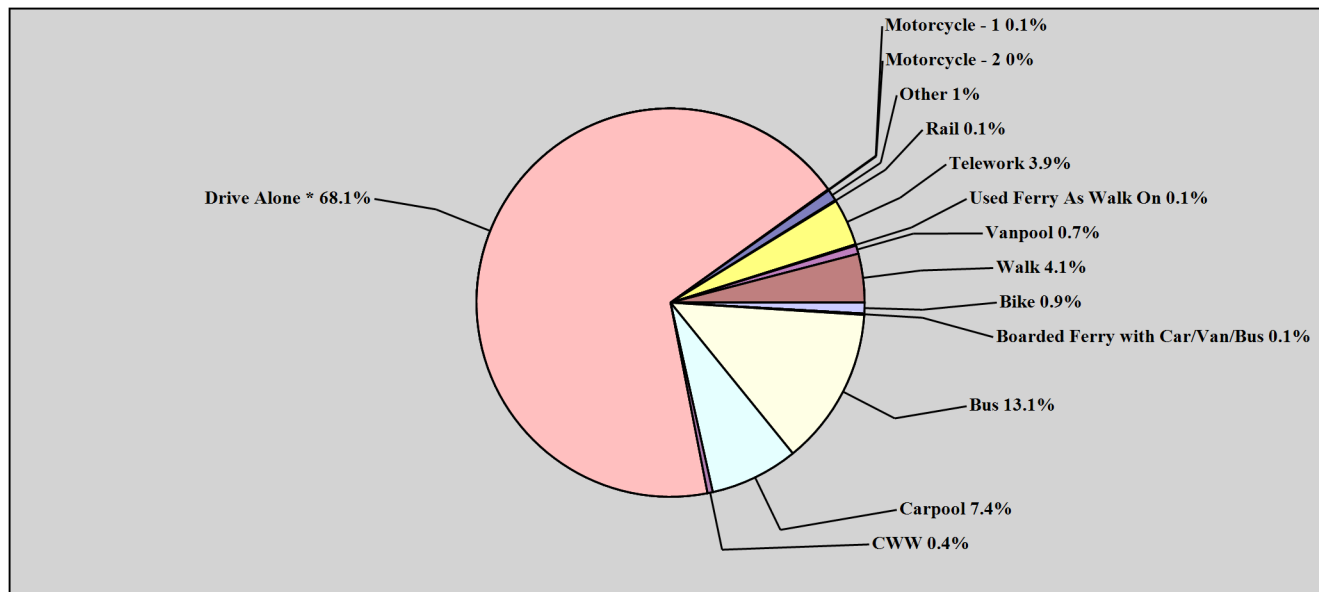
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 18.3 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



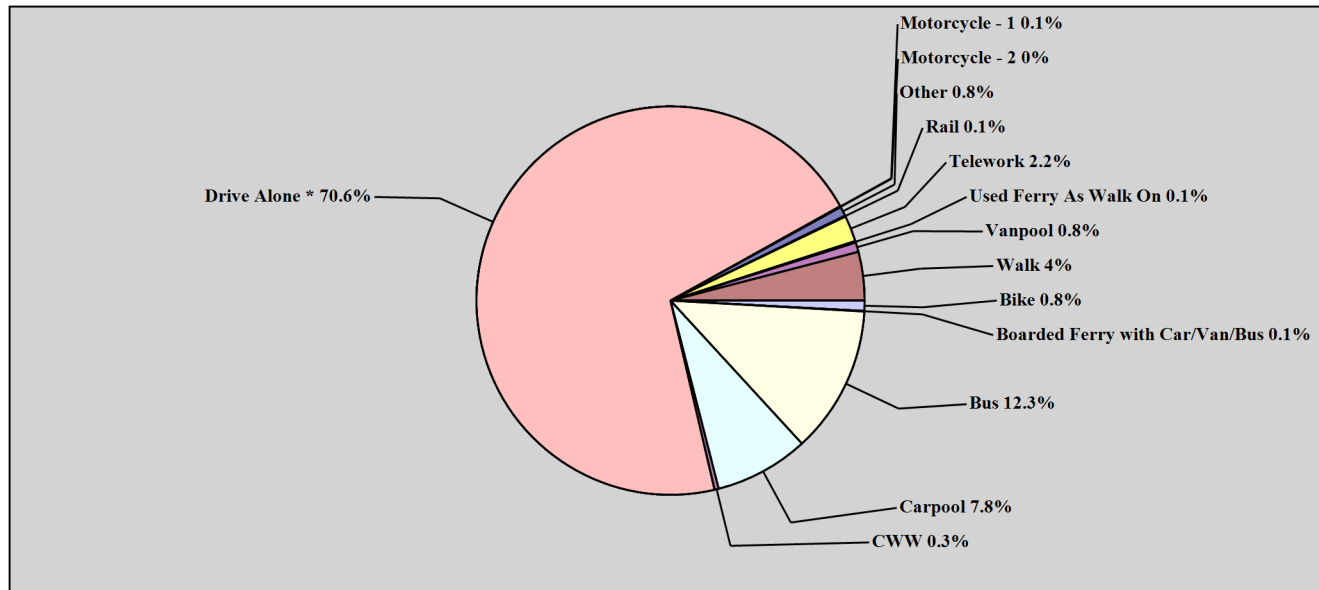
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,956	68.1%	62.2%	520	72.0%	72.5%
Carpool	319	7.4%	9.2%	103	14.3%	13.2%
Vanpool	30	0.7%	0.0%	7	1.0%	0.0%
Motorcycle - 1	3	0.1%	0.5%	3	0.4%	1.0%
Motorcycle - 2	1	0.0%	0.1%	1	0.1%	0.3%
Bus	570	13.1%	14.1%	150	20.8%	18.6%
Rail	4	0.1%	0.0%	3	0.4%	0.0%
Bike	39	0.9%	2.0%	16	2.2%	3.1%
Walk	176	4.1%	6.0%	41	5.7%	6.8%
Telework	169	3.9%	4.1%	66	9.1%	9.0%
CWW	19	0.4%	0.4%	14	1.9%	1.8%
Boarded Ferry with Car/Van/Bus	5	0.1%	0.1%	2	0.3%	0.1%
Used Ferry As Walk On	5	0.1%	0.1%	1	0.1%	0.1%
Other	42	1.0%	1.3%	13	1.8%	1.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,673	70.6%	62.4%	444	73.9%	73.1%
Carpool	297	7.8%	9.7%	96	16.0%	14.0%
Vanpool	30	0.8%	0.0%	7	1.2%	0.0%
Motorcycle - 1	2	0.1%	0.5%	2	0.3%	1.0%
Motorcycle - 2	1	0.0%	0.1%	1	0.2%	0.3%
Bus	465	12.3%	14.0%	122	20.3%	19.0%
Rail	3	0.1%	0.0%	2	0.3%	0.0%
Bike	32	0.8%	2.2%	14	2.3%	3.4%
Walk	153	4.0%	5.9%	36	6.0%	6.9%
Telework	82	2.2%	3.6%	42	7.0%	8.7%
CWW	13	0.3%	0.4%	12	2.0%	1.9%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.1%	1	0.2%	0.2%
Used Ferry As Walk On	5	0.1%	0.1%	1	0.2%	0.2%
Other	30	0.8%	1.0%	11	1.8%	1.8%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	371	51%	722	100%
1 Days	38	5%	351	49%
2 Days	48	7%	313	43%
3 Days	35	5%	265	37%
4 Days	59	8%	230	32%
5 Days	141	20%	171	24%
6 or More Days	30	4%	30	4%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	271	43.4%	80	12.8%	110	17.6%	52	8.3%	0	0%	7	1.1%	38	6.1%	5	0.8%	233	37.3%
4 days a week (4/10s)	4	11.4%	18	51.4%	2	5.7%	7	20%	0	0%	0	0%	0	0%	0	0%	13	37.1%
3 days a week	0	0%	8	36.4%	3	13.6%	0	0%	0	0%	0	0%	1	4.5%	0	0%	7	31.8%
9 days in 2 weeks (9/80)	1	50%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
Other	3	8.8%	5	14.7%	1	2.9%	2	5.9%	0	0%	0	0%	1	2.9%	1	2.9%	10	29.4%

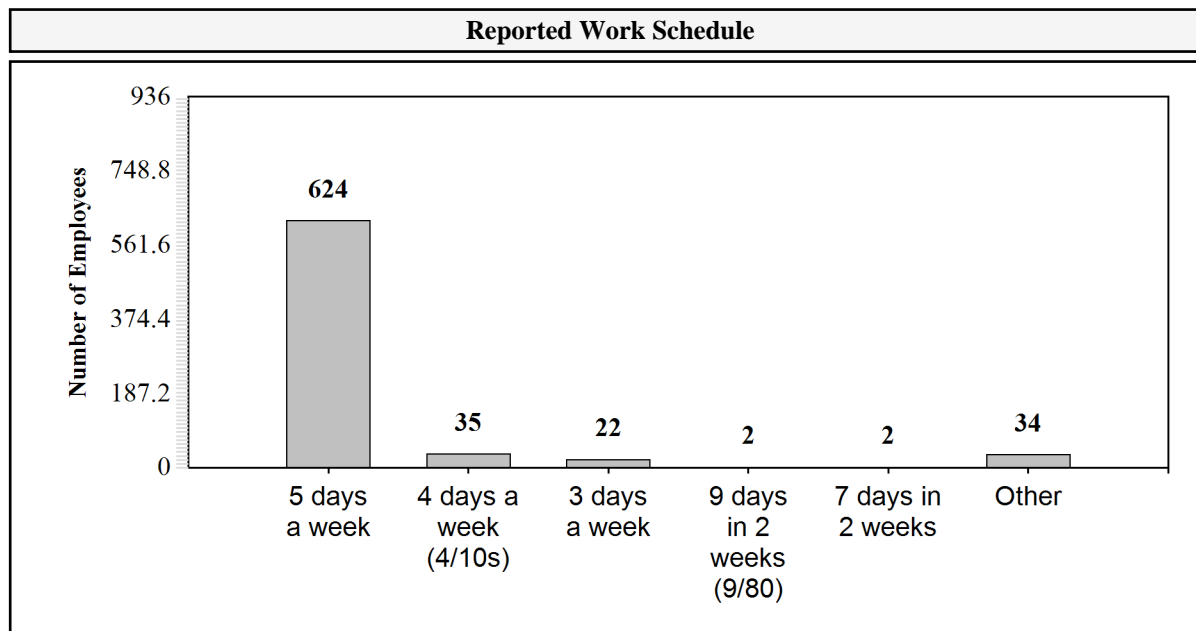
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	11
2	Motorcycle	0
2	Carpool	298
3	Carpool	20
4	Carpool	0
5	Carpool	1
>5	Carpool	0
<5	Vanpool	21
5	Vanpool	9
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

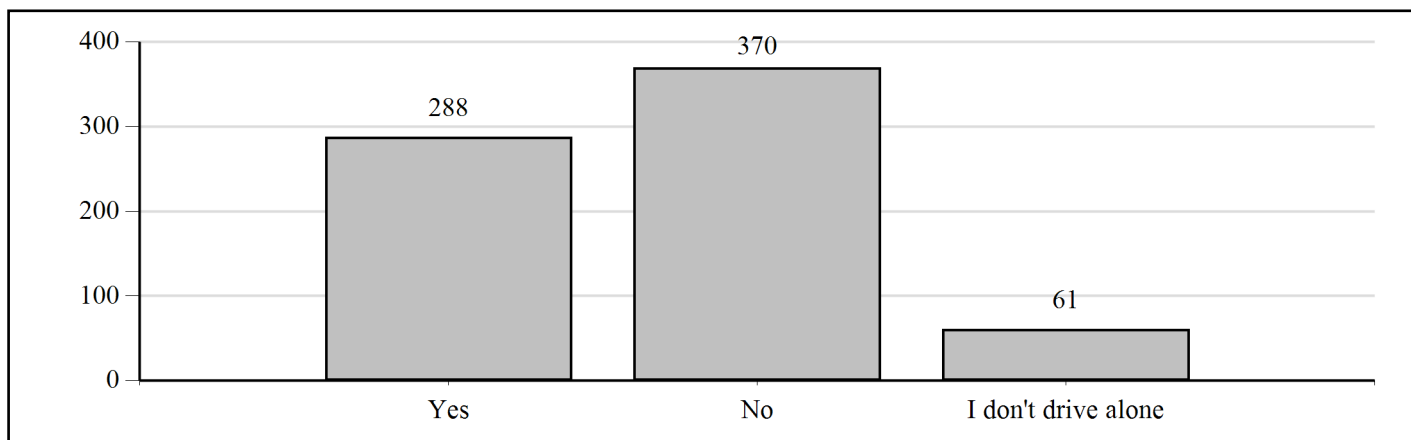
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	624	86.8%
4 days a week (4/10s)	35	4.9%
3 days a week	22	3.1%
9 days in 2 weeks (9/80)	2	0.3%
7 days in 2 weeks	2	0.3%
Other	34	4.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.1%
I don't telework	456	63.2%
Occasionally, on an as-needed basis	142	19.7%
1-2 days/month	37	5.1%
1 day/week	26	3.6%
2 days/week	28	3.9%
3 days/week	32	4.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	261	18.1%
Free or subsidized bus, train, vanpool pass or fare benefit	249	17.2%
Environmental and community benefits	219	15.2%
Personal health or well-being	161	11.1%
Other	129	8.9%
I have the option of teleworking	121	8.4%
Cost of parking or lack of parking	111	7.7%
Financial incentives for carpooling, bicycling or walking.	73	5.1%
Driving myself is not an option	69	4.8%
Emergency ride home is provided	34	2.4%
Preferred/reserved carpool/vanpool parking is provided	7	0.5%
I receive a financial incentive for giving up my parking space	6	0.4%
To save time using the HOV lane	5	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	383	24.2%
Riding the bus or train is inconvenient or takes too long	338	21.4%
Family care or similar obligations	308	19.5%
Other	231	14.6%
My job requires me to use my car for work	123	7.8%
My commute distance is too short	100	6.3%
Bicycling or walking isn't safe	60	3.8%
I need more information on alternative modes	22	1.4%
There isn't any secure or covered bicycle parking	17	1.1%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	9	0	1	0	0	0	0	0	0	11
2	7	0	0	0	0	0	0	0	1	5
3	10	0	0	0	0	0	0	0	0	6
4	5	0	0	1	0	0	0	0	0	7
5	11	0	1	0	0	0	0	0	1	12
6	1	0	0	0	0	0	0	0	0	8
7	0	0	0	0	0	0	0	0	0	2
8	3	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	3
10	5	0	1	0	0	0	0	0	0	19
11 or more	1	0	0	0	0	0	0	0	0	4
# Of Employees using Transit	52	0	3	1	0	0	0	0	2	85
Total One-Way Transit Trips Per Week	224	0	16	4	0	0	0	0	7	532

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	8	0	1	0	0	0	0	0	0	9
2	7	0	0	0	0	0	0	0	1	5
3	8	0	0	0	0	0	0	0	0	4
4	4	0	0	1	0	0	0	0	0	5
5	11	0	1	0	0	0	0	0	1	10
6	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	2
8	2	0	0	0	0	0	0	0	0	7
9	0	0	0	0	0	0	0	0	0	2
10	4	0	0	0	0	0	0	0	0	18
11 or more	0	0	0	0	0	0	0	0	0	3
# Of Employees using Transit	44	0	2	1	0	0	0	0	2	71
Total One-Way Transit Trips Per Week	173	0	6	4	0	0	0	0	7	455

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	2	0.28%	1	0	0	0	0	0	0	0	6	0	0	0	0
59925	1	0.14%	0	0	0	0	0	0	0	0	6	0	0	0	0
66004	1	0.14%	0	0	0	0	0	0	0	5	0	0	0	0	0
66503	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83202	1	0.14%	2	0	0	0	0	0	0	0	0	0	3	0	0
83318	1	0.14%	0	0	0	0	0	0	0	0	0	0	0	0	0
83401	1	0.14%	1	0	0	0	0	0	0	0	0	0	0	0	0
83404	1	0.14%	0	0	0	0	0	0	0	0	2	0	0	0	0
83440	1	0.14%	1	0	0	0	0	0	0	0	3	0	0	0	0
83651	1	0.14%	2	0	0	0	0	0	0	0	4	0	0	0	0
83687	1	0.14%	2	0	0	0	0	0	0	0	3	0	0	0	0
83704	1	0.14%	0	0	0	0	0	0	0	0	6	0	0	0	0
83709	1	0.14%	6	0	0	0	0	0	0	0	0	0	0	0	0
83814	1	0.14%	7	0	0	0	0	0	0	0	0	0	0	0	0
83815	3	0.42%	9	3	0	0	1	0	0	0	0	0	0	0	0
83832	2	0.28%	0	0	0	0	0	0	0	0	7	0	0	0	7
83835	2	0.28%	9	0	0	0	0	0	0	0	0	0	0	0	1
83837	1	0.14%	1	0	0	0	0	0	0	0	2	0	0	0	0
83850	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
83854	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83858	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
85613	1	0.14%	0	0	0	0	0	0	0	0	5	0	0	0	0
98012	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0	0
98023	1	0.14%	0	4	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0	0
98072	1	0.14%	0	0	0	0	0	0	0	0	5	0	0	0	0



98103	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0
98607	1	0.14%	0	0	0	0	0	0	0	0	0	0	0	7
98686	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0
98802	1	0.14%	0	0	0	0	0	0	0	0	7	0	0	0
98815	1	0.14%	1	0	0	0	0	0	0	0	0	0	0	0
98826	1	0.14%	0	0	0	0	0	0	0	0	0	0	0	5
98901	1	0.14%	0	0	0	0	0	0	0	0	2	0	0	0
99001	7	0.97%	26	8	0	0	0	0	0	0	0	0	0	0
99002	1	0.14%	1	4	0	0	0	0	0	0	0	0	0	0
99003	7	0.97%	11	11	0	5	2	0	0	0	3	0	0	0
99004	208	28.81%	682	93	0	1	55	0	33	171	8	2	0	8
99005	4	0.55%	17	0	0	0	0	0	0	0	0	0	0	0
99006	2	0.28%	9	0	0	0	0	0	0	0	0	0	0	0
99008	3	0.42%	8	6	0	0	0	0	0	0	0	1	0	0
99009	2	0.28%	10	0	0	0	0	0	0	0	0	0	0	0
99012	3	0.42%	10	4	0	0	0	0	0	0	0	0	0	0
99013	2	0.28%	4	3	0	0	0	0	0	0	0	0	0	0
99016	5	0.69%	22	3	0	0	0	0	0	0	0	0	0	0
99017	1	0.14%	2	3	0	0	0	0	0	0	0	0	0	0
99019	7	0.97%	23	5	0	0	5	0	0	0	2	0	0	0
99021	4	0.55%	7	10	0	0	0	0	0	0	0	0	0	0
99022	18	2.49%	76	15	0	0	0	0	0	0	0	1	0	0
99025	3	0.42%	5	0	5	0	0	0	0	0	6	0	0	0
99026	2	0.28%	4	0	0	0	5	0	0	0	0	0	0	0
99027	1	0.14%	0	0	4	0	1	0	0	0	0	0	0	0
99029	2	0.28%	9	0	0	0	0	0	0	0	1	0	0	0
99030	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0
99031	6	0.83%	30	0	0	0	0	0	0	0	0	0	0	0
99032	2	0.28%	4	5	0	0	0	0	0	0	0	0	0	0
99036	1	0.14%	0	0	0	0	5	0	0	0	0	0	0	0
99037	4	0.55%	8	0	0	0	10	0	0	0	2	1	0	0
99109	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0
99110	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0
99114	4	0.55%	20	0	0	0	0	0	0	0	0	0	0	0
99130	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0
99134	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0



99138	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	1
99141	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0
99156	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0
99163	2	0.28%	10	0	0	0	0	0	0	0	0	0	0	0
99166	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0
99169	1	0.14%	7	0	0	0	0	0	0	0	0	0	0	0
99170	4	0.55%	18	0	0	0	0	0	0	0	0	0	0	0
99201	27	3.74%	51	6	0	1	55	2	0	0	10	0	0	5
99202	16	2.22%	48	3	0	0	20	0	0	0	9	0	0	0
99203	73	10.11%	152	26	0	1	138	1	4	0	15	10	0	8
99204	18	2.49%	60	5	0	0	22	0	0	0	0	0	0	0
99205	40	5.54%	121	10	0	0	43	0	1	0	10	2	0	0
99206	14	1.94%	43	5	5	0	13	0	0	0	2	0	0	0
99207	8	1.11%	25	0	0	0	14	0	0	0	2	0	0	1
99208	29	4.02%	89	5	0	1	40	0	0	0	9	1	0	0
99212	11	1.52%	26	6	3	0	21	0	0	0	1	0	0	0
99216	7	0.97%	10	5	0	0	19	0	0	0	0	0	0	4
99217	11	1.52%	37	4	0	0	12	1	0	0	0	0	0	0
99218	9	1.25%	16	1	0	0	20	0	0	0	5	0	0	0
99223	49	6.79%	130	32	0	0	55	0	1	0	12	1	2	0
99224	55	7.62%	202	34	13	2	14	0	0	0	4	0	0	0
99301	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0